



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:  
Morad, et al.

Serial No.: 10/701,387

Confirmation No.: 6359

Filed: November 4, 2003

For: Method and Apparatus for  
Heating and Cooling  
Substrates

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Group Art Unit: 1743

Examiner: Scott R. Kastler

**CERTIFICATE OF MAILING**  
37 CFR 1.8

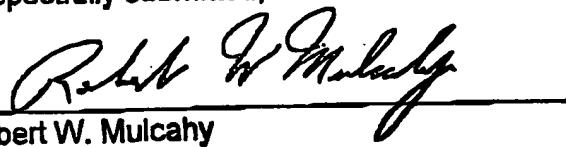
## ASSOCIATE POWER OF ATTORNEY

Applicant's Attorney, Robert W. Mulcahy hereby appoints B. Todd Patterson, Reg. No. 37,906, Keith M. Tackett, 32,008 and Raymond R. Moser, Jr., Registration No. 34,682, whose post office address is:

Moser, Patterson & Sheridan, L.L.P.  
3040 Post Oak Blvd., Suite 1500  
Houston, Texas 77056  
Telephone: (713) 623-4844  
Facsimile: (713) 623-4846

as Associate Attorneys with full powers to prosecute this application, to make alterations and amendments therein, to inspect and make copies thereof and of any papers in any appellate and inter party proceedings in which it may be involved, and to transact all business in United States Patent and Trademark Office connected therewith.

Respectfully submitted,



Robert W. Mulcahy  
Registration No. 25,436  
MOSER, PATTERSON & SHERIDAN, L.L.P.  
3040 Post Oak Blvd. Suite 1500  
Houston, TX 77056  
Telephone: (713) 623-4844  
Facsimile: (713) 623-4846  
Attorney for Applicant(s)